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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,342	09/28/2001	Alex Horng	HORN3060/EM-7245	2292
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4th Floor			EXAMINER	
625 Slaters Lane Alexandria, VA 22314			MOHANDESI, IRAJ A	
			ART UNIT	PAPER NUMBER
			2834	

Please find below and/or attached an Office communication concerning this application or proceeding.

The MAILING DATE of this communication app Period for Reply A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR.1 after \$100,000 MONTHS from the mailing date of this communication. If the period for reply is specified above, the maximum statutory period. If the period for reply is specified above, the maximum statutory period. If the period for reply is specified above, the maximum statutory period. Pature to reply within the set or extended pend for reply will, by statute. All yreply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status 1) □ Responsive to communication(s) filled on 28.5 and 100 months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status 1) □ Responsive to communication(s) filled on 28.5 and 100 months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Since this application is in condition for allows closed in accordance with the practice under Disposition of Claims 4) □ Claim(s) 1-22 is/are pending in the application 4a) Of the above claim(s) is/are withdraw 5) □ Claim(s) is/are allowed. 6) □ Claim(s) 1-22 is/are allowed. 6) □ Claim(s) 1-14 and 16-22 is/are rejected. 7) □ Claim(s) 1-15 is/are objected to. 8) □ Claim(s) 1-15 is/are objected to by the Examiner 10) □ The specification is objected to by the Examiner 10) □ The drawing(s) filed on 28 September 2001 is/ar Application Papers 9) □ The specification is objected to by the Examiner 10 months and 10 m	Application No.	Applicant(s)
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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1,2,7-12,14,16,17,21 are rejected under 35 U.S.C. 102(b) as being anticipated by Henricks US patent 5,075,605.

Henricks'605 discloses a DC brashness motor (see abstract) comprising; a base (23, column3, line 42 Fig.3) comprising a through-hole having a first end and a second end having a first axle hole (see Fig.1,2 where the shaft 15 goes through), a lid (21, the end plate ,column 3,lione 31 Fig. 5) being engaged with the first end of the through-hole and having a second axle hole, the base having a wall (see Fig.3,5), at least two sets of windings (20, stator coils ,column 3,line 40) being mounted to the wall of the base, an IC control means being mounted on the base (11,19, column 3,line 23),and inherently connected to said at least two sets of windings (rotor is permanents magnet coils are is stator , any control to electromagnetic filed must be connected to the stator coil) rotor (28, column 1,line 2) comprising a shaft (15) and a permanent magnet having inherently a north pole and a south pole, the shaft being rotatable received in the second axle hole of the lid and the first axle hole of the base (See Fig.3.4,5,) a repulsive magnetic force is directly created between the permanent magnet and

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said at least two sets of windings, thereby driving the rotor to turn, a bearing (27 column 3,line 32), a rib an outer surface (24), a casing (23) mounted around the outer face of the wall of the base, the lid is engaged with an end of the casing (see Fig.5), a driving circuit and a Hall element(26, column3,line 36, the groove 24 holding a Hall transistor) the shaft of the rotor has an end extending beyond the lid (see Fig. 5),an eccentric element coupled to the end of the shaft beyond the lid (29 CPB),a support member has an actuate recess for supporting said shaft (33).

Claim Rejections - 35 USC § 103

- The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all 3. obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- Claims 3-6,13,18-20,22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Henricks'605 in view of Horng US patent 6,565,326. Henricks'605 discloses a DC brashness motor (see abstract) comprising; a base (23, column3, line 42 Fig.3) comprising a through-hole having a first end and a second end having a first axle hole (see Fig.1,2 where the shaft 15 goes through), a lid (21, the end plate ,column 3,lione 31 Fig. 5) being engaged with the first end of the throughhole and having a second axle hole, the base having a wall (see Fig.3,5), at least two sets of windings (20, stator coils ,column 3,line 40) being mounted to the wall of the base, an IC control means being mounted on the base (11,19, column 3,line 23),and inherently connected to said at least two sets of windings (rotor is permanents magnet

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coils are is stator, any control to electromagnetic filed must be connected to the stator coil) rotor (28, column 1,line 2) comprising a shaft (15) and a permanent magnet having inherently a north pole and a south pole, the shaft being rotatable received in the second axle hole of the lid and the first axle hole of the base (See Fig.3.4,5,) a repulsive magnetic force is directly created between the permanent magnet and said at least two sets of windings, thereby driving the rotor to turn, a bearing (27 column 3,line 32), a rib an outer surface (24),a casing (23) mounted around the outer face of the wall of the base, the lid is engaged with an end of the casing (see Fig.5),a driving circuit and a Hall element (26, column3,line 36, the groove 24 holding a Hall transistor) the shaft of the rotor has an end extending beyond the lid (see Fig. 5),an eccentric element coupled to the end of the shaft beyond the lid (29 CPB),a support member has an actuate recess for supporting said shaft (33).

However **Henricks'605** teaches all limitation of the claimed invention except a fan with plural blades and a mounting member for mounting two windings being countersink having a protection,

Horng'326 discloses a fan motor (brush less) comprising a fan with plural blades(22 ,Fig. 1) plural countersinks 18 corresponding to the number of the windings 14. each countersink 18 has a mounting member 13 such as an outwardly projecting peg around which an associated winding 14 is mounted and thus positioned, and a mounting member for mounting two windings being countersink having a protection (see column 3,line 20-25) for the purpose of holding the coils and generating wind. Therefore it would have been obvious to one having ordinary skill in the art at the time t

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invention was made to combine **Henricks'605** motor with a fan with plural blades and a mounting member for mounting two windings being countersink having a protection for the purpose of holding the coils and generating wind.

Allowable Subject Matter

5. Claim 15 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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